



Certificate of Analysis

NEK9 Protein, Human (Sf9, GST)

Cat. No.:	HY-P701827
Batch No.:	553904
Species:	Human
Source:	<i>Sf9 insect cells</i>
Tag:	N-GST
Accession:	Q8TD19 (S2-L979);(ΔT346-K731)
Gene ID:	91754
Molecular Weight:	Approximately 91.6 KDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 80% as determined by reducing SDS-PAGE.	82.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device. The KM of NEK9 is 54.69 μM	54.69 μM
Appearance	Solution	
Concentration	0.30 mg/mL	
Reconstitution	Please use rapid thawing with running water to thaw the protein.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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